

**Product Code:**

iFT-31T-1.4A1



**Picture:**



**Specification:**

Resonant frequency	(KHz)	1.4±0.5
Resonant impedance	(Ω)	≤500
Capacitance at 1KHz	(pF)	45000±30%
Metal plate diameter (mm) (D)	(mm)	φ 31.0±0.2
Ceramic plate diameter (mm) (d)	(mm)	φ 20.0±0.5
Total thickness (mm) (T)	(mm)	0.23±0.04
Metal plate thickness (mm) (t)	(mm)	0.11±0.02
Metal material		Brass
RoHS		Yes

Test basic state:

Temp(20±2°C) , Humidity(40~70%RH) , Air pressure(860~1060hPa).

**Environment Test:**

ITEM	TESTING CONDITION	RECOVERY CONDITION
Humidity	40±2°C, 93(+2/-3)%RH, 96HRS	2 hour recovery under normal temp.
Temp. cycling	-10±2°C, 30minutes room temp. 15 minutes +70±2°C, 30 minutes room temp. 15 minutes 5 cycles	2 hour recovery under normal temp.
High temp.	+70±2°C, Not less than 30min	Measurement under high temp.
Low temp.	-10±2°C, Not less than 30min	Measurement under low temp.

Evaluation standard :

Change requirement on electrical performance:

Resonant frequency ±20%, Free capacitance ±30%

**Dimensions:**

